

# CAUTION

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# WINNER<sup>TM</sup> mancozeb WP

**AGRICULTURAL FUNGICIDE**

ACTIVE CONSTITUENT: 800g/kg MANCOZEB

**GROUP Y FUNGICIDE**

A Wettable Powder Protectant Fungicide for the control of various fungal diseases on fruit, vegetables and other field crops as per the Directions for Use table.

**Net Contents: 25kg**

Also 1kg, 20x1kg

**Rotam Australasia Pty. Ltd.** (ACN 065 002 020)  
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<sup>TM</sup>WINNER is a Trade Mark of Indofil Chemicals Company, India

NRA Approval No.: 51793/0699

Batch No:

Date of Manufacture:

Expiry Date:

Infopest verifies that this label is consistent with the NRA  
Approved Text Label of 15/10/1999

## **GENERAL INSTRUCTIONS**

### **MIXING:**

(Ground or Aerial Equipment) – Apply WINNER mancozeb WP at the required rate shown: use sufficient water to provide thorough coverage usually 220 to 1,000L/ha for ground equipment and 30 to 50 L/ha for aircraft. Use a spreader-sticker or spraying oil as per label instructions if needed. Add WINNER mancozeb WP slowly to water in the spray tank with agitation, or premix thoroughly in separate holding tank for concentrate or aircraft sprayers. Continuous agitation is required to keep the product in suspension.

### **EQUIPMENT MAINTENANCE AND CLEANING:**

Ensure spray equipment is well maintained and calibrated before using. Check the pump, nozzles and hose lines for leaks or wear. Flush lines thoroughly with clean water after use.

### **COMPATIBILITY:**

WINNER mancozeb WP is compatible with most insecticides, fungicides, miticides and summer oils, wetting agents or spreader-stickers. Prepare the mancozeb mixture first and add the other ingredient last.

Do not mix WINNER mancozeb WP with lime sulphur. Non-recommended mixtures may be ineffective or may cause serious damage and would therefore be entirely at the user's risk.

### **FUNGICIDE RESISTANCE WARNING**

**GROUP Y FUNGICIDE**

For fungicide resistance management WINNER mancozeb WP is a Group Y fungicide.

Some naturally occurring individual fungi resistant to WINNER mancozeb WP and other Group Y Fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these Fungicides are used repeatedly. WINNER mancozeb WP and other Group Y Fungicides will not control these resistant fungi, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Rotam Australasia Pty. Ltd. accepts no liability for any losses that may result from the failure of WINNER mancozeb WP to control resistant fungi.

### **PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT:**

Dangerous to fish. Do not contaminate streams, rivers or waterways with the chemical or used containers.

### **STORAGE AND DISPOSAL:**

#### **KEEP OUT OF REACH OF CHILDREN**

Store in the closed, original container in a dry, as cool as possible, well-ventilated area out of direct sunlight. This product is stable for minimum of two (2) years if stored as indicated above.

Shake the empty bag into spray tank. Do not dispose of undiluted chemicals on-site. Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

### **SAFETY DIRECTIONS:**

May irritate eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

### **FIRST AID:**

If poisoning occurs, contact a doctor or Poisons Information Centre. Avoid giving alcohol.

## MATERIAL SAFETY DATA SHEET

For additional information, refer to MSDS available from Rotam Australasia Pty. Ltd.

### CONDITIONS OF SALE:

Rotam Australasia Pty. Ltd. shall not be liable for any loss in connection with supply or use of these goods other than loss which results in liability under any warranties, terms and conditions mandatorily imposed by statutes applicable to the sale or supply of these goods in Australia. To the extent allowed by such statutes, the liability of Rotam Australasia Pty. Ltd. shall be limited to: replacement of the goods or the supply of equivalent goods; and payment of the cost of replacing the goods or of acquiring equivalent goods.

### DIRECTIONS FOR USE

#### Restraints

DO NOT mix this product with Lime Sulphur.

DO NOT incorporate this product with an Integrated Mite control programme (Tas. only).

CROP	DISEASE CONTROLLED	STATE WHERE APPLICABLE	RATE Per 100L or Per ha	WHP Days	CRITICAL COMMENTS
<b>Pome Fruit, Apples &amp; Pears</b>	Black spot (not apples – WA), bitter rot, fly speck, sooty blotch	All States (except WA for black spot)	150–200g/100L or 3-6kg/ha	14	Apply at 7 – 14 day intervals throughout the season. Begin following cover copper spray at green tip. Use higher rate or shorter interval between sprays where conditions favour disease. Add spreader-sticker if needed.
<b>Stone Fruit (except for early plums such as Wilson)</b>	Rust, shot hole or freckle	All States	150g/100L or 3-6kg/ha	14	Apply at early blossom. Apply at full bloom, petal fall and shuck fall and then at intervals of 14 days.
	Brown rot	Vic, Tas, SA, NSW only			
<b>Nectarines</b>		SA, Tas only	150-200g/100L or 3-6kg/ha		Spray at early bloom (1-10%) mid to full bloom (50-100%), petal fall and shuck fall, then at intervals of 14 days.
<b>Almonds</b>		SA only			
<b>Bananas</b>	Black pit, cordana leaf spot, fruit speckle, leaf speckle (Suppression).	Qld only	1.25kg plus 4L to 6L/ha of DC Tron or BP Banana Misting Oil	1	Apply when weather conditions favour disease outbreak. Repeat treatments in accordance with locally recommended spray schedules. <b>North Queensland:</b> Apply every two weeks during the wet season. Extend to three weeks after this and then to four to five weeks during the drier months returning to three weeks prior to the next wet season. <b>South Queensland:</b> Apply at three week intervals from December or January until May. <b>Note:</b> If the 14 day interval is extended due to rain or other factors, it is recommended that a systemic eradicant fungicide be integrated within the basic spray program. WINNER mancozeb WP should be applied again 7 days after the last systemic eradicant application and then continued on the 14 day schedule.
	Leaf spot (Sigatoka disease) ( <i>Mycosphaerella musicola</i> )	Qld, WA only	2.2 – 4.5kg plus 4L/ha oil as above	14	
	Black pit, cordana leaf spot, fruit speckle, leaf speckle	Qld only	2.2kg plus 4L/ha oil as above		
	Anthracnose ( <i>Coleotrichum musae</i> )	NSW only	2.2kg to 3.5kg plus 4L oil/ha		
	Leaf spot (Sigatoka disease) ( <i>Mycosphaerella musicola</i> )	NSW only	2.2kg plus 4L oil/ha		Spray weekly during flowering and fortnightly until near harvest.
					Apply at 3 week intervals from December or early January to May.

CROP	DISEASE CONTROLLED	STATE WHERE APPLICABLE	RATE Per 100L or Per ha	WHP Days	CRITICAL COMMENTS
Celery	Septoria leaf spot	All States	150-200g/100L or 1.7 – 2.2kg/ha	7	Apply when disease first appears and repeat treatment at 7-10 day intervals. Under severe disease conditions, use shorter spray intervals and higher rate of application. Add wetting agent.
Beans- French & Faba	Rust and anthracnose	All States	150-200g/100L or 1.7 – 2.2kg/ha	7	Apply when disease first appears and repeat treatment at 7-10 day intervals. Under severe disease conditions, use shorter spray intervals and higher rate of application.  Spray at first sign of disease. Repeat at 7-10 day intervals. For improved coverage and spray retention add a spreader-sticker at recommended label rates.
	Angular leaf spot	Qld, NSW only			
	Chocolate spot ( <i>Botrytis fabae</i> )	NSW, Tas, SA & Vic only.			
	Suppression of leaf blight ( <i>Ascochyta fabae</i> )	NSW, Tas & SA only			
	Rust ( <i>Uranyces viciae-fabae</i> )	NSW, Tas, Vic & SA only			
Citrus	Black spot	NSW, Vic, SA & Tas only	200g plus 250ml summer oil/100L or 8-16kg/ha	14	<b>On Heavy Soil:</b> Spray at 8 and 15 weeks following a Bordeaux spray (5-5-100) at petal fall. <b>On Light Soil:</b> Spray at 6 and 13 weeks following a Bordeaux spray (3.5-3.5-100) plus 12ml wetting agent at petal fall.  Apply 6 and 12 weeks after petal fall following Bordeaux mixture (8-8-100) or copper oxychloride at ½ to ¾ petal fall.  Apply at first sign of mite activity on fruit, usually between December and May.  Apply when blossom malformation is observed between December and May.
		QLD only	200g plus 600ml summer oil/100L		
	Brown citrus mite, citrus rust mite				
	Citrus bud mite				
Cucumbers, Pumpkin, Cantaloupes, Melons, Squash, Zucchini	Downy mildew, Anthracnose, Gummy stem blight	All States	150-200g/100L or 1.7-2.2kg/ha	7	Apply when disease symptoms first appear and then repeat at 7 to 10 day intervals. Use higher rate and shorter intervals during weather conditions favourable to disease development.
		Pumpkin			
Grapes	Black spot	All States	200g/100L or 2-3kg/ha	14	Apply every 10 – 14 days starting at bud-burst.
	Downy mildew	QLD, NSW, Vic, SA & Tas only			Apply at intervals of 10 – 14 days starting when shoots are 15 – 20cm long.
	Dead arm	QLD only	150-200g/100L or 2-3kg/ha		Spray at bud burst and repeat 7 – 10 days later.
Mangoes	Anthracnose	QLD & NSW only	200g/100L or 2-3kg/ha	14	Apply at weekly intervals during flowering and then at monthly intervals until near harvest. For improved coverage and spray retention, add an approved wetting or sticking agent at the recommended rate.
Onions–bulb	Downy mildew	All States	2.2-3.5kg/ha	7	Apply at first sign of disease. Repeat at 7-10 day intervals during period of high risk.
	Purple blotch	QLD only			
Chrysanthemum, Gladioli	Botrytis or septoria leaf blights, grey mould	All States	150-200g/100L	-	Spray at first sign of disease and repeat at 7 – 10 day intervals as required.

CROP	DISEASE CONTROLLED	STATE WHERE APPLICABLE	RATE Per 100L or Per ha	WHP Days	CRITICAL COMMENTS
Passionfruit	Brown spot ( <i>Alternaria passiflorae</i> ), Septoria spot	Qld only	150g/100L or 1.7kg/ha	14	Apply at 10 – 14 day intervals from October to May and every 21 – 28 days for remainder of year.
	Anthrachnose	NSW only	200g plus 600ml summer oil/100L or 2-3kg/ha		Spray at weekly intervals during flowering and then fortnightly until near harvest.
Peanuts	Cercospora leaf spot	WA, NSW & QLD only	1.7-2.2kg plus 70ml spreader-sticker per ha	14	Apply at intervals of 10 – 14 days, starting when the peanut crop is approximately 8 weeks old.
	Peanut rust				Apply at 7 – 10 day intervals, starting when the peanut crop is approximately 8 weeks old.
Potatoes	Early and late blight	All States	1.7-2.2kg/ha	7	Apply when disease symptoms first appear or when plants are 5 - 15cm high. Repeat at 7 - 10 day intervals. Use shorter interval and/or higher rate under severe disease conditions.
Potato seed pieces	Fusarium decay	WA only	250g/100L	7	Dip clean seed potato pieces into the mixture. Spread in cool place after dipping and plant as soon as possible.
Roses	Black spot	All States	150-200g/100L	-	Spray at first sign of disease and repeat at 7 – 10 day intervals after flowering.
Rhubarb	Downy mildew	All States	150-200g/100L or 1.7-2.2kg/ha	14	Apply when disease first threatens and then at 7 – 10 day intervals.
	Rust	NSW only			
Soybeans	Soybean rust	All States	2.2kg/ha	7	Apply when disease first appears and repeat at 7 day intervals after flowering.
Tomatoes	Early and late blight, leaf mould, anthracnose	All States	1.7–3.5kg/ha	14	Do not apply to seedlings before transplanting. Begin application when disease first appears. Repeat at 7 – 10 intervals throughout the season.
	Grey leaf spot, Phoma rot	NSW & QLD only	2-3kg/ha		
Turf	Helminthosporium disease patch, Rhizoctonia brown patch	All States	180-250g per 100m <sup>2</sup>	-	Apply every 7 days when conditions favour disease spread. Apply in sufficient water to obtain adequate coverage of area to be treated.
Tobacco (field)	Blue mould, Brown spot	QLD, NSW & Vic only	200g/100L or 2.2kg/ha	7	Begin application after transplanting and repeat at 7 day intervals. Thorough coverage of all leaf surfaces is essential for good disease control.
	Frog eye leaf spot	QLD only			
VEGETABLES S Beetroot Silver Beet Spinach	Cercospora leaf spot, downy mildew	All States	150-200g/100L	14	Apply when disease first threatens and repeat at 7 – 10 day intervals.
Brussels Sprouts, Cabbage, Cauliflowers	Downy mildew, anthracnose, alternaria spot, ring spot			7	
Lettuce				14	
Broccoli				NSW, WA, Tas, SA & QLD only	

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

## **WITHHOLDING PERIOD:**

- BEANS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CANTALOUPE, CARROTS, CAULIFLOWER, CELERY, CUCUMBER, MELON, ONIONS, POTATOES, PUMPKINS, SOYBEANS, SQUASH, TOBACCO, ZUCCHINI: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.
- BANANAS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION WHERE THE APPLICATION RATE HAS BEEN 2.2KG/HA AND ABOVE. DO NOT HARVEST FOR 1 DAY AFTER APPLICATION WHERE 1.25KG/HA HAS BEEN APPLIED.
- ALMONDS, APPLES, APRICOTS, BEETROOT, CITRUS, GRAPE, LETTUCE, MANGOES, NECTARINES, PASSIONFRUIT, PEACHES, PEANUTS, PEARS, PLUMS, RHUBARB, SILVER BEET, SPINACH, TOMATOES: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
- DO NOT GRAZE LIVESTOCK ON PEANUT CROPS TREATED WITH WINNER MANCOZEB WP OR FEED TREATED CROPS AND/OR TRASH TO LIVESTOCK.
- DO NOT FEED GRASS CLIPPINGS FROM TREATED AREAS TO POULTRY OR ANIMALS.